

Title 194 - Department of Environmental Quality

Chapter 4 - PERFORMANCE OBJECTIVES

001 General.

The facility shall be sited, designed, operated, closed, and controlled after closure with an objective of zero-release and with reasonable assurance that exposures to individuals are within the limits established in the performance objectives in 002 through 005 of this Chapter .

002 Protection of the General Population from Releases of Radioactivity.

Concentrations of radioactive material which may be released to the general environment in ground water, surface water, air, soil, plants, or animals shall not result in an annual dose exceeding an equivalent of 25 millirems to the whole body, 75 millirems to the thyroid, and 25 millirems to any other organ of any member of the public. Reasonable effort should be made to limit releases of radioactivity in effluents to the general environment as low as is reasonably achievable.

003 Protection of Individuals from Inadvertent Intrusion.

Design, operation, and closure of the facility shall ensure protection of any individual inadvertently intruding into the disposal site and occupying the site or contacting the waste at any time after active institutional controls over the disposal site are removed.

004 Protection of Individuals During Operations.

Operations at the facility shall be conducted in compliance with the Standards for Protection Against Radiation specified in Title 180, except for releases of radioactivity in effluents from the facility which shall be governed by 002 of this Chapter. Every reasonable effort should be made to maintain radiation exposures as low as is reasonably achievable.

005 Stability of the Disposal Site after Closure.

The facility shall be sited, designed, used, operated, and closed to achieve long-term stability of the disposal site and to eliminate, to the extent practicable, the need for ongoing active maintenance of the disposal site following closure so that only custodial care is required.

Enabling Legislation: Neb. Rev. Stat. §§81-1599 and 81-15,100

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